

CLAIMS

1. A toilet consisting of a toilet bowl with a toilet seat made of a swivellable seat panel and a swivellable toilet lid as well as a wall-hung urinal which can be closed by means of a lid, characterized in
that a casing (21) with a device (20) for emitting acoustical speech and/or music information is placed fixed or removable by means of a support (60) to at least one of the movable parts (12, 213, 14, 214, 314) of the toilet (10, 210) or of the wall-hung urinal (300) externally or internally, the casing comprising a programmable or preprogrammed speech and/or music module (120) or a chip card (70) containing the speech and/or music information with a microprocessor control, whereby the device (20) is connected with a mechanically or light-optically controlled on-off switch or a motion detector in such a way that, when lifting the toilet lid (14) and/or the seat panel (13) and/or the urinal bowl lid (314), the putting in and out of action of the speech and/or music module (120) is released by the reproduction of the speech and/or music recording.
2. A toilet according to claim 1, characterized in
that the device for emitting acoustical speech and/or music information shows at least one loudspeaker (23), a source of current (22) and electronics for generating electrical signals for the loudspeaker.
3. A toilet according to one of the claims 1 or 2, characterized in
that the electronics comprise at least one sensor which is configured in such a manner that it detects a motion state and/or an ambiance condition of the movable toilet parts (13, 14, 213, 214, 314) and activates the electronics for emitting the speech and/or music

information in dependence of the detected state or of the detected ambiance condition.

4. A toilet according to one of the claims 1 to 3,
characterized in
that the sensor is a flip sensor which detects as a state a swivelling movement of one of the movable toilet parts (13, 14, 213, 214, 314), a light barrier, an infrared detector, a motion detector, a mechanical sensor, a touch sensor and/or an ultrasonic sensor, wherebei a switch which can be controlled by short-term acting heat, gestures, finger or pressure can be used.
5. A toilet according to one of the claims 1 to 4,
characterized in
that the electronics comprise a microprocessor (138) which is configured in such a manner that a speech and/or music information can be alternatively changed.
6. A toilet according to one of the claims 1 to 5,
characterized in
that the electronics comprise a printed wiring board (136), a microprocessor (138) placed on the printed wiring board (136), a flip sensor (140) placed on the printed wiring board (136), a loudspeaker (142) connected with the printed wiring board (136) and a current supply (134) connected with the printed wiring board (136).
7. A toilet according to one of the claims 1 to 6,
characterized in
that the device (20) or only the printed wiring board (electronics) for emitting acoustical speech and/or music information is placed fixed or removable on the support (60) and only the speech chip/music chip or microchip on the printed wiring board/device is replaceable (for example by a plug-in contact) in order to reprogramm or to respeak the speech chip/music chip/microchip.

8. A toilet according to one of the claims 1 to 7,
characterized in
that the device (20) with the speech and/or music module (120) is placed in the inner space of the casing (21) with the support (60), the device being configured in the casing as electronics with a sensor (140) which is configured in such a manner that it detects a motion state and/or an ambiance condition of the casing (21) and activates the electronics for emitting the speech and/or music information in dependence of the detected state or of the detected ambiance condition.
9. A toilet according to claim 8,
characterized in
that the sensor is a motion detector or a flip sensor (140) which detects a tilting movement or a swivelling movement of the casing (21) as a state.
10. A toilet according to any of the claims 1 to 9,
characterized in
that the complete speech and/or music module (120) or the complete electronics such as the microprocessor and/or chip or sensor or switch, current supply, wiring (printed wiring board) or the device is placed only on or by or in a flat smart card.
11. A toilet according to any of the claims 1 to 10,
characterized in
that the casing (21) with the speech and/or music module (120) is placed by means of the support (60) besides the seat panel (13, 213) and/or the toilet lid (14, 214) and/or the urinal bowl lid (314), whereby the support (60) is configured as a flat (61) made of a metallic material or of a plastic, whereby the flat (61) supports at its one free end (61a) the casing (21) with the speech and/or music module (120) and is placed fixed or removable with its other free end (81b) on the

wall face of the seat panel (13) and/or of the toilet lid (14) which is turned to the toilet bowl (11).

12. A toilet according to any of the claims 1 to 11,
characterized in
that the flat-type support (60) is removably fixed to the lower side of the seat panel (13) and/or of the toilet lid (14) by means of a self-adhesive band (70) or of a Velcro-type fastener.
13. A toilet according to any of the claims 1 to 11,
characterized in
that the flat-type support (60) is placed fixed to the lower side of the seat panel (13) and/or of the toilet lid (14) by means of a glued connection.
14. A toilet according to any of the claims 1 to 13,
characterized in
that the flat (61) of the support is configured adjustable lengthwise.
15. A toilet according to any of the claims 1 to 14,
characterized in
that the support (60) shows a lower thickness which is dimensioned so that the support (60) can be placed between the toilet lid (14) and the seat panel (13) or between the seat panel (13) and the peripheral toilet bowl edge (16) without considerably increasing the intermediate space between the toilet lid (14) and the seat panel (13) or between the seat panel (13) and the peripheral toilet bowl edge (16).
16. A toilet according to any of the claims 1 to 15,
characterized in
that the faces of the support (60) and/or of the casing (21) are configured as advertising spaces.

17. A toilet according to any of the claims 1 to 10,
characterized in
that a device (20) with a programmable or a preprogrammed speech and/or music module (120) with a speech and/or music recording is placed by means of its casing on the inner wall face (214a) of the toilet lid (214) turned to the inner space (215) of the toilet bowl (211) and/or on the seat panel (213), this casing being connected with a mechanically or light-optically controlled on-off switch in such a way that, when lifting the toilet lid (214) and/or the seat panel (213), the putting in and out of action of the speech and/or music module (120) is released by the reproduction of the speech and/or music recording.
18. A toilet according to any of the claims 1 to 10 or 17,
characterized in
that the device (20) with the speech and/or music module (120) is integrated into the toilet lid (214) and/or into the lid part (314) of the urinal bowl (300).
19. A toilet according to any of the claims 1 to 10, 17 and 18,
characterized in
that the speech and/or music module (120) is fixed with its casing by means of a self-adhesive coating (230) to the inner wall face (214a) of the toilet lid (214 ; 314).
20. A toilet according to any of the claims 1 to 10, 17 to 19,
characterized in
that the toilet lid (214, 314) is provided on its inner wall face (214a) with a recess (214b) for receiving the casing with the speech and/or music module (120) which is held in the recess (214b) by press-fitting, by means of a glued joint or of another appropriate mechanical connection.
21. A toilet according to any of the claims 1 to 10, 17 to 20,
characterized in

that the casing of the speech and/or music module (120) fixed to the inner wall face (214a) of the toilet lid (214, 314) or to the seat panel (213) is covered moisture-proof and protected against splash water by means of a foil-type cover (235).

22. A toilet according to any of the claims 1 to 10, 17 to 21, characterized in
that the speech and/or music module (120) with its casing is placed on one or in one receptacle or toilet cleaning means and/or bad smell removing agent receiver (241) hung in the inner space (215) of the toilet bowl (11) or urinal bowl (311).

23. A toilet according to any of the claims 1 to 10, 17 to 22, characterized in
that the speech and/or music module (120) with its casing is placed moisture-proof and protected against splash water in the inner space of the bowl (211, 311) by means of a support held or hung on the peripheral toilet bowl edge (216) or urinal bowl edge.